

**New Jersey Department of Environmental Protection
Reason for Application**

Permit Being Modified

Permit Class: PCP **Number:** 170003

**Description
of Modifications:**

The purpose of this application is to modify an existing batch permit at the Firmenich facility in Newark, New Jersey (facility 06242). The permit being modified is designated BP2 Pad 1 Process Equipment. The existing permit for this batch process was approved on 3/13/2017 (PC170003).

The purpose of this modification is to delete one equipment item and one batch process operating scenario step from the permit.

The equipment item being deleted is E204 (T-111 Slurry Feed Tank).

The operating scenario step being deleted is Step 1 of OS22 Ether MT Production.

An applicant cannot delete equipment items and operating scenario steps from an NJDEP air permit file. Therefore, Firmenich is asking the Bureau of Stationary Sources to delete E204 and OS22 Step 1 from the NJDEP air permit file for this permit.

Note: OS22 is not being deleted. Just step 1 of OS22 is being deleted.

**New Jersey Department of Environmental Protection
Facility Profile (General)**

Facility Name (AIMS): Firmenich Incorporated

Facility ID (AIMS): 06242

Street FIRMENICH INCORPORATED
Address: 150 FIRMENICH WAY
NEWARK, NJ 07114

Mailing FIRMENICH INCORPORATED
Address: 150 FIRMENICH WAY
NEWARK, NJ 07114

County: Essex
Location East of Doremus Avenue.
Description: North of Turnpike Extension.

State Plane Coordinates:

X-Coordinate:

Y-Coordinate:

Units:

Datum:

Source Org.:

Source Type:

Industry:

Primary SIC:

Secondary SIC:

NAICS: 325199

**New Jersey Department of Environmental Protection
Facility Profile (General)**

Contact Type: Air Permit Information Contact**Organization:** Firmenich Incorporated**Org. Type:** Corporation**Name:** Ronald Kurtz**NJ EIN:****Title:** Manager, Health Safety and Environmental**Phone:** (973) 589-3443 x**Mailing Address:** Firmenich Incorporated**Fax:** (973) 274-0652 x150 Firmenich Way
Newark, NJ 07114**Other:** () - x**Type:****Email:** Ron.Kurtz@Firmenich.com

Contact Type: Fees/Billing Contact**Organization:** Firmenich Incorporated**Org. Type:** Corporation**Name:** Ronald Kurtz**NJ EIN:****Title:** Manager, Health Safety and Environmental**Phone:** (973) 589-3443 x**Mailing Address:** Firmenich Incorporated**Fax:** (973) 274-0652 x150 Firmenich Way
Newark, NJ 07114**Other:** () - x**Type:****Email:** Ron.Kurtz@Firmenich.com

Contact Type: Responsible Official**Organization:** Firmenich Incorporated**Org. Type:** Corporation**Name:** Ronald Kurtz**NJ EIN:****Title:** Manager, Health Safety and Environmental**Phone:** (973) 589-3443 x**Mailing Address:** Firmenich Incorporated**Fax:** (973) 274-0652 x150 Firmenich Way
Newark, NJ 07114**Other:** () - x**Type:****Email:** Ron.Kurtz@Firmenich.com

**New Jersey Department of Environmental Protection
Facility Profile (Permitting)**

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| 1. Is this facility classified as a small business by the USEPA? | No |
| 2. Is this facility subject to N.J.A.C. 7:27-22? | No |
| 3. Are you voluntarily subjecting this facility to the requirements of Subchapter 22? | No |
| 4. Has a copy of this application been sent to the USEPA? | No |
| 5. If not, has the EPA waived the requirement? | No |
| 6. Are you claiming any portion of this application to be confidential? | No |
| 7. Is the facility an existing major facility? | No |
| 8. Have you submitted a netting analysis? | No |
| 9. Are emissions of any pollutant above the SOTA threshold? | No |
| 10. Have you submitted a SOTA analysis? | No |
| 11. If you answered "Yes" to Question 9 and "No" to Question 10, explain why a SOTA analysis was not required | |
| | |
| 12. Have you provided, or are you planning to provide air contaminant modeling? | No |

**ATTACHMENT
SUPPLEMENTAL INFORMATION**

**APPLICATION TO MODIFY
MINOR FACILITY BATCH PROCESS AIR PERMIT
BP2 PAD 1 PROCESS EQUIPMENT
FIRMENICH 06242
JULY 2020**

1.0 Purpose of Application

The purpose of this application is to modify an existing batch permit at the Firmenich facility in Newark, New Jersey (facility 06242). The permit being modified is designated BP2 Pad 1 Process Equipment. The existing permit for this batch process was approved on 3/13/2017 (PC170003). The purpose of this modification is to delete one equipment item and one batch process operating scenario step from the permit.

2.0 Equipment Item Being Deleted

The equipment item being deleted is E204 (T-111 Slurry Feed Tank). Tank T-111 had been used for a process designated as OS22 Ether MT Production. Tank T-111 had been used to prepare a slurry of sodium sulfate in water and to feed the slurry to reactor V-110 for this process. When Ether MT production is resumed in the future, a portable container will be used to feed a slurry to V-110.

3.0 Operating Scenario Step Being Deleted

The operating scenario step being deleted is Step 1 of OS22 Ether MT Production. Step 1 of OS22 was the preparation of a slurry in T-111. As noted in Section 2, tank T-111 has been removed, so a slurry will no longer be prepared in T-111. Rather, a slurry will be brought to the pad in a portable container and fed to reactor V-110 from the portable container.

In the RADIUS application for the existing permit, the slurry was fed to V-110 in Step 10 of this operating scenario. The equipment item designated for this step was E201 V-110. No changes to this step are being made.

4.0 Deletion of E204 and OS22 Step 1

An applicant cannot delete equipment items and operating scenario steps from an NJDEP air permit file. Therefore, Firmenich is asking the Bureau of Stationary Sources to delete E204 and OS22 Step 1 from the NJDEP air permit file for this permit.

Note: OS22 is not being deleted. Just step 1 of OS22 is being deleted.